



RADAR/LASER EQUIPMENT AND USE

FC No.: 1010

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I. Policy

The use of radar and laser units by certified officers is encouraged to assist the department in meeting the goals described in FC 1000, "Traffic Management System." All officers and supervisors involved in the use and care of the radar/laser units will follow the procedures in this directive and the Radar/Laser Operator Training Manual to ensure the safety of employees, the public, and the equipment.

II. Training and Certification

- A. Only officers certified by **a certified instructor** may operate radar/laser equipment. Operators will only utilize equipment on which they have received training and certification.
- B. The radar/laser operator certification course shall consist of classroom instruction and practical field application.
- C. Officers who have received radar/laser training outside the department and would like authorization to operate the particular equipment for which they have been trained, must submit a memorandum to the Director, Training and Education Division. The memorandum will include a course syllabus, any related study materials, and a certificate indicating successful completion of the training. Authorization will be granted by the Director, Training and Education Division, based on an evaluation of the materials presented.

III. Equipment Record Keeping

- A. The FCC Station License issued for the operation of radar will be maintained by the county radio shop. Upon renewal, a copy will be forwarded to the Central **Supply** Section.
- B. Calibration, maintenance, and repair records for all radar and laser units will be maintained at the district stations. All radar and laser equipment will be calibrated by an authorized testing facility designated by the department.

IV. Traffic Supervisor's Responsibilities

The traffic supervisor's responsibilities are: (CALEA 61.1.9)

- 1. Ensure assigned radar equipment is calibrated annually and repaired as needed.
- 2. Ensure assigned laser equipment is calibrated every two years and repaired as needed.
- 3. Maintain a Calibration Log for each radar/laser unit assigned to the district.
- 4. Coordinate radar/laser calibration/repair with the Central Supply Section.
 - a. A unit in need of calibration or repair will be delivered to the Central Supply Section during their hours of operation.
 - b. The Central Supply Section will be responsible for packaging and delivering the unit to the commercial carrier for shipment. Upon receipt of the repaired unit, the Central Supply Section will notify the respective supervisor to arrange pick up.
- 5. Establish a course at each district station for testing the distance measuring capabilities of the laser units.
- 6. Determine radar/laser enforcement locations. Locations may also be assigned at the direction of the district commander.
- 7. Maintain data about radar/laser activities within the district. Data collection will be mandatory and may be gathered with the MCP 1010, "Speed Enforcement Data Sheet."

V. Patrol Supervisor's Responsibilities

Patrol Supervisors will:

- 1. Review all MCP 1010 forms submitted by operators under their command. Completed

forms will be given to the district traffic supervisor.

2. Be responsible for maintenance and calibration requirements as outlined in sections IV.A – D, if a radar/laser unit is permanently assigned to a patrol shift by the district commander.

VI. Operator Procedures and Responsibilities (CALEA 61.1.9)

- A. Radar/laser operators will test the equipment prior to and at the conclusion of each daily enforcement period, and upon changing geographic location. If the unit fails to pass the tests, it is to be immediately removed from service and the officer will prepare a memorandum, via the district traffic supervisor, to the Central Supply Section supervisor detailing the malfunction. The unit will be returned to the district traffic supervisor, along with the memorandum, prior to the end of the officer's tour of duty. If the malfunctioning unit is permanently assigned to a patrol shift, the operator will return the unit to the shift supervisor and prepare the above described memorandum via the supervisor.
- B. Officers acting as members of a stop team and issuing citations on foot will only be deployed during daylight hours. Operators will maintain visual and radio contact with the stop team. Police vehicles may be utilized at any time to stop violators with safety for personnel, the public, and equipment being the primary consideration.
- C. Operators will adhere to the requirements and procedures stated in the Radar/Laser Operator Training Manual.
- D. Radar/laser units will be secured in such a manner to prevent damage during an abrupt movement. When a unit is not connected to a power source, it will be properly stored in the carrying case.
- E. When requested by the violator, operators will provide available information on the unit utilized (e.g., serial number, manufacturer, etc.). However, if this request interferes with the ongoing enforcement activity or officer/violator safety, the violator will be referred to the operator's supervisor.
- F. No more than two cruisers will be utilized with any one radar/laser location unless authorized by a supervisor.

- G. Operators are to complete the MCP 1010 for each enforcement period. Completed MCP 1010 forms and related citations will be forwarded to the officer's immediate supervisor for review.

- H. Operators should not point the laser at the sun or other strong light source.

- I. The operator will protect the laser's optical surfaces from contacting objects and, **when available**, will utilize the protective lens cap when the laser is not in use or is being stored.

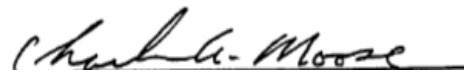
VII. Safety/Health Precautions

- A. Risks due to exposure to microwave radiation are almost negligible. Nonetheless, there are some common-sense precautions that should be taken:
 1. Radar units should not be mounted inside the patrol cars.
 2. Officers should not place activated radar units on their laps.
 3. If equipped, the hold mechanism should be utilized so that the signal will not operate continuously.
 4. An operator should never hold onto the antenna or hold the antenna closer than six inches from the officer's body.
- B. Laser units are inherently eye safe. However, the following precautions should be taken:
 1. Avoid staring directly into the laser beam for extended periods of time.
 2. Avoid staring into the beam within 50 feet while using optical gain devices such as telescope or a pair of binoculars.

VIII. Proponent Unit: FSB Administration

IX. Cancellation

This directive cancels Function Code 1010, effective date of 11-06-00.



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